| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|----------|-------|---|---------------------------|---------------------|---------|------------------|
| L1 | 8 | (US-5208535-\$ or US-5508614-\$ or US-5771141-\$ or US-5805390-\$ or US-6221559-\$ or US-6246553-\$ or US-6570391-\$).did. or (JP-08061955-\$).did. | USPAT; JPO | OR | ON | 2005/05/03 09:37 |
| L2 | 46 | (read adj sensor) and (shield with resistance) | USPAT; JPO; DERWENT | OR | ON | 2005/05/03 09:38 |
| L3 | 2 | (read adj sensor) and ((shield with resistance) same resistor) | USPAT; JPO; DERWENT | OR | ON | 2005/05/03 09:41 |
| L4 | 1 | (US-6344952-\$).did. | USPAT | OR | ON | 2005/05/03 09:41 |
| L5 | 0 | 4 and (gap with resistance) | USPAT; JPO; DERWENT | OR | ON | 2005/05/03 09:42 |
| L6 | 17868 | (gap with resistance) | USPAT; JPO; DERWENT | OR | ON. | 2005/05/03 09:42 |
| L7 | 2 | ((read adj gap) near resistance) | USPAT; JPO; DERWENT | OR | ON | 2005/05/03 09:43 |
| L8 | 23 | ((read adj gap) with resistance) | USPAT; JPO; DERWENT | OR | ON | 2005/05/03 09:43 |
| L9 | 0 | ((shiled adj layer) with resistance) | USPAT; JPO; DERWENT | OR | ON | 2005/05/03 09:43 |
| L10 | 515 | ((shield adj layer) with resistance) | USPAT; JPO; DERWENT | OR | ON | 2005/05/03 09:43 |
| L11 | 6 | 8 and 10 | USPAT; JPO; DERWENT | OR | ON | 2005/05/03 09:43 |
| L12 | 4 | 11 and @ad<"20010102" | USPAT; JPO; DERWENT | OR | ON | 2005/05/03 09:44 |
| S1 | 4671 | 29/603.07,603.09,603.11,603. 13-603.16,603.18,605,606,609.ccls. | USPAT; JPO; DERWENT | OR | ON | 2004/12/20 09:40 |
| S2 | 7803 | (read adj sensor) or (Spin adj valve) | USPAT; JPO; DERWENT | OR | ON | 2004/12/20 09:40 |
| S3 | 9054 | (read adj sensor) or (Spin adj valve) or (MR adj sensor) | USPAT; JPO; DERWENT | OR | ON | 2004/12/20 09:41 |

| S4 | 2789 | (first adj gap) same (second adj gap) | USPAT; JPO; DERWENT | OR | ON | 2004/12/20 09:41 |
|-----|------|--|-------------------------------------|---------|-----|------------------|
| S5 | 141 | S3 and S4 | USPAT; JPO; DERWENT | OR | ON | 2004/12/20 10:42 |
| S6 | 23 | S1 and S5 | USPAT; JPO; DERWENT | OR | ON | 2004/12/20 09:41 |
| S7 | 326 | ((first or second) adj gap) same resistance | USPAT; JPO; DERWENT | OR | ON | 2004/12/20 09:42 |
| S8 | 16 | S6 and S7 | USPAT; JPO; DERWENT | OR | ON | 2004/12/20 09:42 |
| S9 | 14 | S8 and @ad<"20010102" | USPAT; JPO; DERWENT | OR | ON | 2004/12/20 09:45 |
| S10 | 732 | 360/313,319,321-324.ccls. | USPAT; JPO; DERWENT | OR | ON | 2004/12/20 09:45 |
| S11 | .44 | S7 and S10 | USPAT; JPO; DERWENT | OR | ON | 2004/12/20 09:45 |
| S12 | 40 | S3 and S11 | USPAT; JPO; DERWENT | OR | ON | 2004/12/20 09:45 |
| S13 | 34 | S12 and @ad<"20010102" | USPAT; JPO; DERWENT | OR | ON | 2004/12/20 10:03 |
| S14 | 2 | ("6678127").PN. | USPAT; USOCR; JPO; DERWENT | OR - | OFF | 2004/12/20 09:48 |
| S15 | 14 | ("4164770" "4983945" "5508614" "5587857" "5761009" "5771141" "5805390" "5818088" "5903415" "6034851" "6222361" "6246553" "6288880" "6424505").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2004/12/20 09:55 |
| S16 | 4683 | 324/309-314,318,322,525,526,528. ccls. | USPAT; JPO; DERWENT | OR | ON | 2004/12/20 09:56 |
| S17 | 2 | S3 and S16 | USPAT; JPO; DERWENT | OR | ON | 2004/12/20 09:56 |
| S18 | 2 | ("3911899" "4992737").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2004/12/20 09:57 |

| S19 | 6 | ("5508614").URPN. | USPAT | OR | ON | 2004/12/20 10:00 |
|-----|------|---------------------------|---------------------------|------|-----------------------------------|------------------|
| S20 | 215 | 451/127,128.ccls. | USPAT | OR | ON | 2004/12/20 10:00 |
| S21 | 2 | S3 and S20 | USPAT | OR | ON : | 2004/12/20 10:00 |
| S22 | 0 | S7 and S20 | USPAT | OR | ON | 2004/12/20 10:00 |
| S23 | 3192 | 451/5,41.ccls. | USPAT | OR | ON | 2004/12/20 10:00 |
| S24 | 1 | S7 and S23 | USPAT | OR | ON | 2004/12/20 10:01 |
| S25 | 56 | Hsiao-richard.in. | USPAT; JPO; DERWENT | OR | ON | 2004/12/20 10:01 |
| S26 | 0 | jarrat-james-d.in. | USPAT; JPO; DERWENT | OR . | ON | 2004/12/20 10:01 |
| S27 | 1 | klaassen-emo-hilbrand.in. | USPAT; JPO; DERWENT | OR | ON | 2004/12/20 10:02 |
| S28 | . 2 | mcfadyen-ian-robson.in. | USPAT; JPO; DERWENT | OR | ON | 2004/12/20 10:02 |
| S29 | 7 | moran-timothy-j.in. | USPAT; JPO; DERWENT | OR: | ON | 2004/12/20 10:02 |
| S30 | 62 | S25 or S27 or S28 or S29 | USPAT; | OR | ON | 2004/12/20 10:03 |
| | 91 | | JPO; DERWENT | -* | Property Basis a March Basis a | |
| S31 | 29 | S3 and S30 | USPAT; JPO; DERWENT | OR | ON | 2004/12/20 10:03 |
| S32 | 20 | S31 and S7 | USPAT; JPO; DERWENT | OR | ON | 2004/12/20 10:03 |
| S33 | 16 | S32 and @ad<"20010102" | USPAT; JPO; DERWENT | OR | ON | 2004/12/20 10:03 |
| S34 | 1 | S3 and S4 | JPO | OR | ON | 2004/12/20 10:42 |